

Title (en)
Variable displacement swash plate type compressor

Title (de)
Taumelscheibenverdichter mit variabler Kapazität

Title (fr)
Compresseur à déplacement variable de type plateau oscillant

Publication
EP 2816230 B1 20161026 (EN)

Application
EP 14171461 A 20140606

Priority
JP 2013129901 A 20130620

Abstract (en)
[origin: EP2816230A2] A variable displacement swash plate type compressor comprises a first cylinder block (21), a second cylinder block (23) and an actuator (13). The actuator (13) includes a movable body (13a), a fixed body (13b) and a control pressure chamber (13c). A first cylinder bore (21a) and a first storage chamber (21c) are formed in the first cylinder block (21). A second cylinder bore (23a) and a second storage chamber (23c) are formed in the second cylinder block (23). The first cylinder bore (21a) is formed to have a diameter smaller than the diameter of the second cylinder bore (23a).

IPC 8 full level
F04B 27/12 (2006.01); **F04B 27/10** (2006.01); **F04B 27/18** (2006.01)

CPC (source: EP US)
F04B 27/086 (2013.01 - US); **F04B 27/1054** (2013.01 - EP US); **F04B 27/1072** (2013.01 - EP US); **F04B 27/12** (2013.01 - EP US); **F04B 27/18** (2013.01 - US); **F04B 27/1804** (2013.01 - EP US); **F04B 2027/1813** (2013.01 - EP US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2816230 A2 20141224; **EP 2816230 A3 20150812**; **EP 2816230 B1 20161026**; BR 102014014670 A2 20150602;
CN 104234969 A 20141224; CN 104234969 B 20160824; JP 2015004308 A 20150108; JP 5949678 B2 20160713; KR 101554575 B1 20150921;
KR 20140147746 A 20141230; US 2014377088 A1 20141225; US 9284954 B2 20160315

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